Soil Descriptions - Non Technical

6--Aastad Clay Loam, 0 To 2 Percent Slopes

Component Description

Aastad and similar soils
Extent: 90 percent of the unit
Slope range: 0 to 2 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
2.5 feet April
Wet soil moisture status is lowest (depth, months):
More than 6.6 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 9.5 inches
Content of organic matter in the upper 10 inches: 5.0 percent
Typical profile:
H1--0 to 12 inches; clay loam
H2--12 to 19 inches; clay loam
H3--19 to 68 inches; clay loam

33B--Barnes Loam, 1 To 4 Percent Slopes

Component Description

Barnes and similar soils
Extent: 90 percent of the unit
Slope range: 1 to 4 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.6 inches
Content of organic matter in the upper 10 inches: 4.5 percent
Typical profile:
H1--0 to 11 inches; loam
H2--11 to 16 inches; loam
H3--16 to 60 inches; loam

33B2--Barnes Loam, 3 To 6 Percent Slopes, Eroded

Component Description

Barnes and similar soils
Extent: 90 percent of the unit
Slope range: 3 to 6 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 2.7 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 12 inches; loam

H3--12 to 60 inches; loam

36--Flom Clay Loam

Component Description

Flom and similar soils
Extent: 95 percent of the unit
Geomorphic description:
Swale
Slope range: 0 to 2 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot April
Wet soil moisture status is lowest (depth, months):
3.3 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 11.0 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 20 inches; clay loam
H2--20 to 39 inches; clay loam
H3--39 to 60 inches; clay loam

51--La Prairie Loam

Component Description

La prairie and similar soils
Extent: 95 percent of the unit
Geomorphic description:
Flood plain
Slope range: 0 to 2 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding does not occur (months):
January February September October November December
Flooding is most likely (frequency, months):
Occasional March April May June July August
Wet soil moisture status is highest (depth, months):
2.5 feet April
Wet soil moisture status is lowest (depth, months):
More than 6.6 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 11.8 inches
Content of organic matter in the upper 10 inches: 5.0 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 40 inches; loam
H3--40 to 60 inches; stratified fine sandy loam to silty clay loam

70--Svea Loam, 1 To 3 Percent Slopes

Component Description

Svea and similar soils
Extent: 90 percent of the unit
Slope range: 1 to 3 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):

2.5 feet April
Wet soil moisture status is lowest (depth, months):
More than 6.6 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 10.9 inches
Content of organic matter in the upper 10 inches: 5.0 percent
Typical profile:
H1--0 to 21 inches; loam
H2--21 to 31 inches; loam
H3--31 to 60 inches; loam

86--Canisteo Clay Loam

Component Description

Canisteo and similar soils
Extent: 95 percent of the unit
Geomorphic description:
Flat
Slope range: 0 to 2 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot April
Wet soil moisture status is lowest (depth, months):
3.3 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 10.1 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 22 inches; clay loam
H2--22 to 31 inches; clay loam
H3--31 to 60 inches; loam

114--Glencoe Silty Clay Loam

Component Description

Glencoe and similar soils
Extent: 95 percent of the unit
Geomorphic description:
Depression
Slope range: 0 to 1 percent
Surface layer texture: Silty clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface March April
Wet soil moisture status is lowest (depth, months):
2.0 feet February August
Ponding does not occur (months):
January February May June July August September October
November December
Ponding is deepest (depth, months):
1.0 foot April
Available water capacity to a depth of 60 inches: 11.4 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 10 inches; silty clay loam
H2--10 to 42 inches; clay loam
H3--42 to 47 inches; loam
H4--47 to 60 inches; clay loam

127--Sverdrup Sandy Loam, 0 To 2 Percent Slopes

Component Description

Sverdrup and similar soils
Extent: 90 percent of the unit
Slope range: 0 to 2 percent
Surface layer texture: Sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 4.9 inches
Content of organic matter in the upper 10 inches: 4.2 percent
Typical profile:
H1--0 to 9 inches; sandy loam
H2--9 to 32 inches; sandy loam
H3--32 to 60 inches; sand

127B--Sverdrup Sandy Loam, 2 To 6 Percent Slopes

Component Description

Sverdrup and similar soils
Extent: 90 percent of the unit
Slope range: 2 to 6 percent
Surface layer texture: Sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 4.9 inches
Content of organic matter in the upper 10 inches: 4.2 percent
Typical profile:
H1--0 to 9 inches; sandy loam
H2--9 to 32 inches; sandy loam
H3--32 to 60 inches; sand

149B--Everly Clay Loam, 2 To 4 Percent Slopes

Component Description

Everly and similar soils
Extent: 90 percent of the unit
Slope range: 2 to 4 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 4.5 percent
Typical profile:
H1--0 to 10 inches; clay loam
H2--10 to 26 inches; clay loam
H3--26 to 60 inches; loam

149B2--Everly Clay Loam, 3 To 6 Percent Slopes, Eroded

Component Description

Everly and similar soils
Extent: 90 percent of the unit
Slope range: 3 to 6 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained

Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 3.5 percent
Typical profile:
H1--0 to 10 inches; clay loam
H2--10 to 26 inches; clay loam
H3--26 to 60 inches; loam

149C2--Everly Clay Loam, 6 To 12 Percent Slopes, Eroded

Component Description

Everly and similar soils
Extent: 90 percent of the unit
Slope range: 6 to 12 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 3.5 percent
Typical profile:
H1--0 to 10 inches; clay loam
H2--10 to 26 inches; clay loam
H3--26 to 60 inches; loam

168B--Forman Clay Loam, 2 To 4 Percent Slopes

Component Description

Forman and similar soils
Extent: 90 percent of the unit
Slope range: 2 to 4 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.3 inches
Content of organic matter in the upper 10 inches: 4.5 percent
Typical profile:
H1--0 to 11 inches; clay loam
H2--11 to 19 inches; clay loam
H3--19 to 60 inches; clay loam

168B2--Forman Clay Loam, 3 To 6 Percent Slopes, Eroded

Component Description

Forman and similar soils
Extent: 90 percent of the unit
Slope range: 3 to 6 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.3 inches
Content of organic matter in the upper 10 inches: 3.5 percent
Typical profile:
H1--0 to 11 inches; clay loam
H2--11 to 19 inches; clay loam

H3--19 to 60 inches; clay loam

184--Hamerly Loam, 1 To 3 Percent Slopes

Component Description

Hamerly and similar soils
Extent: 90 percent of the unit
Slope range: 1 to 3 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.5 feet April
Wet soil moisture status is lowest (depth, months):
5.9 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 11.0 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 17 inches; loam
H2--17 to 26 inches; loam
H3--26 to 60 inches; loam

210--Fulda Silty Clay

Component Description

Fulda and similar soils
Extent: 90 percent of the unit
Geomorphic description:
Flat
Slope range: 0 to 2 percent
Surface layer texture: Silty clay
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot April May
Wet soil moisture status is lowest (depth, months):
2.6 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 10.3 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 17 inches; silty clay
H2--17 to 28 inches; silty clay
H3--28 to 60 inches; silty clay

212--Sinai Silty Clay, 1 To 3 Percent Slopes

Component Description

Sinai and similar soils
Extent: 90 percent of the unit
Slope range: 1 to 3 percent
Surface layer texture: Silty clay
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
2.5 feet April May
Wet soil moisture status is lowest (depth, months):
5.6 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 9.2 inches
Content of organic matter in the upper 10 inches: 4.5 percent

Typical profile:
H1--0 to 17 inches; silty clay
H2--17 to 33 inches; silty clay
H3--33 to 47 inches; silty clay
H4--47 to 60 inches; silty clay loam

219--Rolfe Loam

Component Description

Rolfe and similar soils
Extent: 90 percent of the unit
Geomorphic description:
Depression
Slope range: 0 to 1 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface March April
Wet soil moisture status is lowest (depth, months):
2.0 feet February August
Ponding does not occur (months):
January February May June July August September October
November December
Ponding is deepest (depth, months):
1.0 foot April
Available water capacity to a depth of 60 inches: 10.2 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 20 inches; loam
H2--20 to 32 inches; clay
H3--32 to 60 inches; loam

236--Vallers Clay Loam

Component Description

Vallers and similar soils
Extent: 90 percent of the unit
Geomorphic description:
Flat
Slope range: 0 to 2 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot April
Wet soil moisture status is lowest (depth, months):
3.3 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 11.0 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 15 inches; clay loam
H2--15 to 25 inches; clay loam
H3--25 to 60 inches; loam

241--Letri Clay Loam

Component Description

Letri and similar soils
Extent: 90 percent of the unit
Geomorphic description:
Swale
Slope range: 0 to 2 percent

Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot April
Wet soil moisture status is lowest (depth, months):
3.3 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 11.0 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 20 inches; clay loam
H2--20 to 35 inches; clay loam
H3--35 to 60 inches; loam

246--Marysland Loam

Component Description

Marysland and similar soils
Extent: 90 percent of the unit
Geomorphic description:
Flat
Slope range: 0 to 2 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
0.5 foot April
Wet soil moisture status is lowest (depth, months):
2.0 feet August
Ponding: None
Available water capacity to a depth of 60 inches: 8.6 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 18 inches; loam
H2--18 to 42 inches; loam
H3--42 to 60 inches; stratified gravelly coarse sand to fine sand

276--Oldham Silty Clay Loam

Component Description

Oldham and similar soils
Extent: 90 percent of the unit
Geomorphic description:
Depression
Slope range: 0 to 1 percent
Surface layer texture: Silty clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface March April
Wet soil moisture status is lowest (depth, months):
2.0 feet February August
Ponding does not occur (months):
January February May June July August September October
November December
Ponding is deepest (depth, months):
1.0 foot April
Available water capacity to a depth of 60 inches: 10.0 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 13 inches; silty clay loam
H2--13 to 31 inches; silty clay loam
H3--31 to 60 inches; silty clay loam

284B--Poinsett Silty Clay Loam, 1 To 4 Percent Slopes

Component Description

Poinsett and similar soils
Extent: 90 percent of the unit
Slope range: 1 to 4 percent
Surface layer texture: Silty clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 12.1 inches
Content of organic matter in the upper 10 inches: 4.5 percent
Typical profile:
H1--0 to 11 inches; silty clay loam
H2--11 to 30 inches; silty clay loam
H3--30 to 60 inches; silty clay loam

284B2--Poinsett Silty Clay Loam, 3 To 6 Percent Slopes, Eroded

Component Description

Poinsett and similar soils
Extent: 90 percent of the unit
Slope range: 3 to 6 percent
Surface layer texture: Silty clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 12.1 inches
Content of organic matter in the upper 10 inches: 3.5 percent
Typical profile:
H1--0 to 11 inches; silty clay loam
H2--11 to 30 inches; silty clay loam
H3--30 to 60 inches; silty clay loam

284C2--Poinsett Silty Clay Loam, 6 To 12 Percent Slopes, Eroded

Component Description

Poinsett and similar soils
Extent: 90 percent of the unit
Slope range: 6 to 12 percent
Surface layer texture: Silty clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 12.1 inches
Content of organic matter in the upper 10 inches: 3.5 percent
Typical profile:
H1--0 to 11 inches; silty clay loam
H2--11 to 30 inches; silty clay loam
H3--30 to 60 inches; silty clay loam

335--Urness Silt Loam

Component Description

Urness and similar soils
Extent: 90 percent of the unit

Geomorphic description:
Depression
Slope range: 0 to 1 percent
Surface layer texture: Silt loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface March April
Wet soil moisture status is lowest (depth, months):
2.0 feet February August
Ponding does not occur (months):
January February May June July August September October
November December
Ponding is deepest (depth, months):
1.0 foot April
Available water capacity to a depth of 60 inches: 11.2 inches
Content of organic matter in the upper 10 inches: 11.5 percent
Typical profile:
H1--0 to 9 inches; silt loam
H2--9 to 44 inches; mucky silty clay loam
H3--44 to 60 inches; silty clay loam

339--Fordville Loam, 0 To 2 Percent Slopes

Component Description

Fordville and similar soils
Extent: 90 percent of the unit
Slope range: 0 to 2 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 6.8 inches
Content of organic matter in the upper 10 inches: 4.5 percent
Typical profile:
H1--0 to 12 inches; loam
H2--12 to 23 inches; loam
H3--23 to 28 inches; loam
H4--28 to 60 inches; gravelly sand

339B--Fordville Loam, 2 To 6 Percent Slopes

Component Description

Fordville and similar soils
Extent: 90 percent of the unit
Slope range: 2 to 6 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 6.5 inches
Content of organic matter in the upper 10 inches: 4.5 percent
Typical profile:
H1--0 to 10 inches; loam
H2--10 to 21 inches; loam
H3--21 to 26 inches; loam
H4--26 to 60 inches; gravelly sand

341--Arvilla Sandy Loam, 0 To 2 Percent Slopes

Component Description

Arvilla and similar soils
Extent: 90 percent of the unit
Slope range: 0 to 2 percent
Surface layer texture: Sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat excessively drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 4.2 inches
Content of organic matter in the upper 10 inches: 2.4 percent
Typical profile:
H1--0 to 9 inches; sandy loam
H2--9 to 19 inches; sandy loam
H3--19 to 60 inches; gravelly coarse sand

341B--Arvilla Sandy Loam, 2 To 6 Percent Slopes

Component Description

Arvilla and similar soils
Extent: 90 percent of the unit
Slope range: 2 to 6 percent
Surface layer texture: Sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat excessively drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 4.2 inches
Content of organic matter in the upper 10 inches: 2.4 percent
Typical profile:
H1--0 to 9 inches; sandy loam
H2--9 to 19 inches; sandy loam
H3--19 to 60 inches; gravelly coarse sand

341C--Arvilla Sandy Loam, 6 To 12 Percent Slopes

Component Description

Arvilla and similar soils
Extent: 90 percent of the unit
Slope range: 6 to 12 percent
Surface layer texture: Sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat excessively drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 4.2 inches
Content of organic matter in the upper 10 inches: 2.4 percent
Typical profile:
H1--0 to 9 inches; sandy loam
H2--9 to 19 inches; sandy loam
H3--19 to 60 inches; gravelly coarse sand

344--Quam Silty Clay Loam

Component Description

Quam and similar soils
Extent: 90 percent of the unit
Geomorphic description:
Depression
Slope range: 0 to 1 percent
Surface layer texture: Silty clay loam
Depth to restrictive feature:

Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
At the surface March April
Wet soil moisture status is lowest (depth, months):
2.0 feet February August
Ponding does not occur (months):
January February May June July August September October November December
Ponding is deepest (depth, months):
1.0 foot April
Available water capacity to a depth of 60 inches: 11.1 inches
Content of organic matter in the upper 10 inches: 5.9 percent
Typical profile:
H1--0 to 9 inches; silty clay loam
H2--9 to 43 inches; silty clay loam
H3--43 to 60 inches; silty clay loam

345--Wilmonton Clay Loam, 0 To 2 Percent Slopes

Component Description

Wilmonton and similar soils
Extent: 90 percent of the unit
Slope range: 1 to 2 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat poorly drained
Flooding: None
Wet soil moisture status is highest (depth, months):
1.5 feet April
Wet soil moisture status is lowest (depth, months):
5.9 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 11.3 inches
Content of organic matter in the upper 10 inches: 5.0 percent
Typical profile:
H1--0 to 18 inches; clay loam
H2--18 to 31 inches; clay loam
H3--31 to 60 inches; clay loam

347--Malachy Loam

Component Description

Malachy and similar soils
Extent: 90 percent of the unit
Slope range: 0 to 2 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
2.5 feet April
Wet soil moisture status is lowest (depth, months):
3.9 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 7.9 inches
Content of organic matter in the upper 10 inches: 5.0 percent
Typical profile:
H1--0 to 15 inches; loam
H2--15 to 36 inches; fine sandy loam
H3--36 to 60 inches; sand

402E--Sioux Soils, 2 To 40 Percent Slopes

Component Description

Sioux and similar soils
Extent: 90 percent of the unit
Slope range: 2 to 40 percent
Surface layer texture: Gravelly sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Excessively drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 4.3 inches
Content of organic matter in the upper 10 inches: 2.0 percent
Typical profile:
H1--0 to 11 inches; gravelly sandy loam
H2--11 to 16 inches; gravelly sandy loam
H3--16 to 60 inches; very gravelly sand

418--Lamoure Silty Clay Loam

Component Description

Lamoure and similar soils
Extent: 90 percent of the unit
Geomorphic description:
Flood plain
Slope range: 0 to 2 percent
Surface layer texture: Silty clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding does not occur (months):
January February September October November December
Flooding is most likely (frequency, months):
Occasional March April May June July August
Wet soil moisture status is highest (depth, months):
0.5 foot April
Wet soil moisture status is lowest (depth, months):
3.3 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 11.9 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 25 inches; silty clay loam
H2--25 to 38 inches; silty clay loam
H3--38 to 60 inches; silty clay loam

421B--Ves Loam, 1 To 4 Percent Slopes

Component Description

Ves and similar soils
Extent: 90 percent of the unit
Slope range: 1 to 4 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 4.5 percent
Typical profile:
H1--0 to 11 inches; loam
H2--11 to 21 inches; loam
H3--21 to 36 inches; loam
H4--36 to 60 inches; loam

421B2--Ves Loam, 3 To 6 Percent Slops, Eroded

Component Description

Ves and similar soils
Extent: 90 percent of the unit
Slope range: 3 to 6 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 3.5 percent
Typical profile:
H1--0 to 11 inches; loam
H2--11 to 21 inches; loam
H3--21 to 36 inches; loam
H4--36 to 60 inches; loam

423--Seaforth Loam, 1 To 3 Percent Slopes

Component Description

Seaforth and similar soils
Extent: 90 percent of the unit
Slope range: 1 to 3 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
2.5 feet April
Wet soil moisture status is lowest (depth, months):
More than 6.7 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 11.1 inches
Content of organic matter in the upper 10 inches: 5.0 percent
Typical profile:
H1--0 to 15 inches; loam
H2--15 to 24 inches; loam
H3--24 to 60 inches; loam

437E--Buse Loam, 18 To 25 Percent Slopes

Component Description

Buse and similar soils
Extent: 90 percent of the unit
Slope range: 18 to 25 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 2.0 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 26 inches; loam
H3--26 to 60 inches; loam

437F--Buse Loam, 25 To 40 Percent Slopes

Component Description

Buse and similar soils
Extent: 90 percent of the unit
Slope range: 25 to 40 percent

Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 2.0 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 26 inches; loam
H3--26 to 60 inches; loam

446--Normania Loam, 1 To 3 Percent Slopes

Component Description

Normania and similar soils
Extent: 90 percent of the unit
Slope range: 1 to 3 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
2.5 feet April
Wet soil moisture status is lowest (depth, months):
More than 6.7 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 10.9 inches
Content of organic matter in the upper 10 inches: 5.0 percent
Typical profile:
H1--0 to 17 inches; loam
H2--17 to 26 inches; loam
H3--26 to 50 inches; loam
H4--50 to 60 inches; loam

450--Rauville Silty Clay Loam

Component Description

Rauville and similar soils
Extent: 90 percent of the unit
Geomorphic description:
Flood plain
Slope range: 0 to 2 percent
Surface layer texture: Silty clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Very poorly drained
Flooding does not occur (months):
January February September October November December
Flooding is most likely (frequency, months):
Frequent March April May June
Wet soil moisture status is highest (depth, months):
At the surface March April May
Wet soil moisture status is lowest (depth, months):
1.6 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 12.1 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 38 inches; silty clay loam
H2--38 to 60 inches; silty clay loam

494B--Darnen Loam, 2 To 6 Percent Slopes

Component Description

Darnen and similar soils
Extent: 90 percent of the unit
Slope range: 2 to 6 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding: None
Wet soil moisture status is highest (depth, months):
3.9 feet April
Wet soil moisture status is lowest (depth, months):
More than 6.6 feet January February July August September
Ponding: None
Available water capacity to a depth of 60 inches: 10.7 inches
Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 27 inches; loam
H2--27 to 42 inches; loam
H3--42 to 60 inches; loam

894D2--Storden-Everly Complex, 12 To 18 Percent Slopes, Eroded

Component Description

Storden and similar soils
Extent: 60 percent of the unit
Slope range: 12 to 18 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 23 inches; loam
H3--23 to 60 inches; loam

Everly and similar soils
Extent: 35 percent of the unit
Slope range: 12 to 15 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 2.7 percent
Typical profile:
H1--0 to 7 inches; clay loam
H2--7 to 19 inches; loam
H3--19 to 60 inches; loam

902C2--Barnes-Buse Loams, 6 To 12 Percent Slopes, Eroded

Component Description

Barnes and similar soils
Extent: 50 percent of the unit
Slope range: 6 to 12 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year

Ponding: None
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 2.7 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 12 inches; loam
H3--12 to 60 inches; loam

Buse and similar soils
Extent: 45 percent of the unit
Slope range: 6 to 12 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 26 inches; loam
H3--26 to 60 inches; loam

904B2--Arvilla-Barnes-Buse Complex, 2 To 6 Percent Slopes, Eroded

Component Description

Arvilla and similar soils
Extent: 40 percent of the unit
Slope range: 2 to 6 percent
Surface layer texture: Sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat excessively drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 3.9 inches
Content of organic matter in the upper 10 inches: 2.4 percent
Typical profile:
H1--0 to 9 inches; sandy loam
H2--9 to 16 inches; sandy loam
H3--16 to 60 inches; gravelly coarse sand

Barnes and similar soils
Extent: 30 percent of the unit
Slope range: 2 to 6 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 2.7 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 12 inches; sandy clay loam
H3--12 to 60 inches; loam

Buse and similar soils
Extent: 20 percent of the unit
Slope range: 2 to 6 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None

Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 26 inches; loam
H3--26 to 60 inches; loam

904C2--Arvilla-Buse-Barnes Complex, 6 To 12 Percent Slopes, Eroded

Component Description

Arvilla and similar soils
Extent: 40 percent of the unit
Slope range: 6 to 12 percent
Surface layer texture: Sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat excessively drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 3.7 inches
Content of organic matter in the upper 10 inches: 2.0 percent
Typical profile:
H1--0 to 7 inches; sandy loam
H2--7 to 14 inches; sandy loam
H3--14 to 60 inches; gravelly coarse sand

Buse and similar soils
Extent: 30 percent of the unit
Slope range: 6 to 12 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 26 inches; loam
H3--26 to 60 inches; loam

Barnes and similar soils
Extent: 20 percent of the unit
Slope range: 6 to 12 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 2.7 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 12 inches; loam
H3--12 to 60 inches; loam

913D2--Buse-Barnes Loams, 12 To 18 Percent Slopes, Eroded

Component Description

Buse and similar soils
Extent: 60 percent of the unit
Slope range: 12 to 18 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)

Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 26 inches; loam
H3--26 to 60 inches; loam

Barnes and similar soils
Extent: 30 percent of the unit
Slope range: 12 to 18 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 2.7 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 12 inches; loam
H3--12 to 60 inches; loam

915C2--Forman-Buse Complex, 6 To 12 Percent Slopes, Eroded

Component Description

Forman and similar soils
Extent: 50 percent of the unit
Slope range: 6 to 12 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.2 inches
Content of organic matter in the upper 10 inches: 2.7 percent
Typical profile:
H1--0 to 7 inches; clay loam
H2--7 to 14 inches; clay loam
H3--14 to 60 inches; clay loam

Buse and similar soils
Extent: 40 percent of the unit
Slope range: 6 to 12 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 26 inches; loam
H3--26 to 60 inches; loam

915D2--Buse-Forman Complex, 12 To 18 Percent Slopes, Eroded

Component Description

Buse and similar soils
Extent: 60 percent of the unit

Slope range: 12 to 18 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 26 inches; loam
H3--26 to 60 inches; loam

Forman and similar soils
Extent: 30 percent of the unit
Slope range: 12 to 18 percent
Surface layer texture: Clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.2 inches
Content of organic matter in the upper 10 inches: 2.7 percent
Typical profile:
H1--0 to 7 inches; clay loam
H2--7 to 14 inches; clay loam
H3--14 to 60 inches; clay loam

917D2--Buse-Sioux Complex, 12 To 18 Percent Slopes, Eroded

Component Description

Buse and similar soils
Extent: 50 percent of the unit
Slope range: 12 to 18 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 26 inches; loam
H3--26 to 60 inches; loam

Sioux and similar soils
Extent: 40 percent of the unit
Slope range: 12 to 18 percent
Surface layer texture: Gravelly sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Excessively drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 3.9 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; gravelly sandy loam
H2--7 to 12 inches; gravelly loamy sand
H3--12 to 60 inches; very gravelly sand

917E--Buse-Sioux Complex, 18 To 40 Percent Slopes

Component Description

Buse and similar soils
Extent: 45 percent of the unit
Slope range: 18 to 40 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 1.5 percent
Typical profile:
H1--0 to 6 inches; loam
H2--6 to 26 inches; loam
H3--26 to 60 inches; loam

Sioux and similar soils
Extent: 45 percent of the unit
Slope range: 18 to 40 percent
Surface layer texture: Gravelly sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Excessively drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 3.9 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; gravelly sandy loam
H2--7 to 12 inches; gravelly loamy sand
H3--12 to 60 inches; very gravelly sand

953C--Arvilla-Storden-Ves Complex, 6 To 15 Percent Slopes

Component Description

Arvilla and similar soils
Extent: 40 percent of the unit
Slope range: 6 to 15 percent
Surface layer texture: Sandy loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Somewhat excessively drained
Flooding: None
Depth to wet soil moisture status: More than 6.6 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 3.9 inches
Content of organic matter in the upper 10 inches: 2.1 percent
Typical profile:
H1--0 to 8 inches; sandy loam
H2--8 to 16 inches; sandy loam
H3--16 to 60 inches; gravelly coarse sand

Storden and similar soils
Extent: 30 percent of the unit
Slope range: 6 to 15 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 23 inches; loam
H3--23 to 60 inches; loam

Ves and similar soils
Extent: 25 percent of the unit
Slope range: 6 to 15 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 3.8 percent
Typical profile:
H1--0 to 8 inches; loam
H2--8 to 18 inches; loam
H3--18 to 36 inches; loam
H4--36 to 60 inches; loam

954C2--Storden-Ves Loams, 5 To 12 Percent Slopes, Eroded

Component Description

Storden and similar soils
Extent: 55 percent of the unit
Slope range: 5 to 12 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 23 inches; loam
H3--23 to 60 inches; loam

Ves and similar soils
Extent: 35 percent of the unit
Slope range: 5 to 12 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 2.9 percent
Typical profile:
H1--0 to 8 inches; loam
H2--8 to 18 inches; loam
H3--18 to 36 inches; loam
H4--36 to 60 inches; loam

954D2--Storden-Ves Loams, 12 To 18 Percent Slopes, Eroded

Component Description

Storden and similar soils
Extent: 60 percent of the unit
Slope range: 12 to 18 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None

Available water capacity to a depth of 60 inches: 10.5 inches
Content of organic matter in the upper 10 inches: 1.6 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 23 inches; loam
H3--23 to 60 inches; loam

Ves and similar soils
Extent: 30 percent of the unit
Slope range: 12 to 18 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Well drained
Flooding: None
Depth to wet soil moisture status: More than 6.7 feet all year
Ponding: None
Available water capacity to a depth of 60 inches: 10.4 inches
Content of organic matter in the upper 10 inches: 2.9 percent
Typical profile:
H1--0 to 8 inches; loam
H2--8 to 18 inches; loam
H3--18 to 36 inches; loam
H4--36 to 60 inches; loam

986--Lamoure And La Prairie Soils, Frequently Flooded

Component Description

La prairie and similar soils
Extent: 45 percent of the unit
Slope range: 0 to 2 percent
Surface layer texture: Loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Moderately well drained
Flooding does not occur (months):
January February September October November December
Flooding is most likely (frequency, months):
Frequent March April May June
Wet soil moisture status is highest (depth, months):
2.5 feet April
Wet soil moisture status is lowest (depth, months):
More than 6.7 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 11.8 inches
Content of organic matter in the upper 10 inches: 5.0 percent
Typical profile:
H1--0 to 7 inches; loam
H2--7 to 40 inches; loam
H3--40 to 60 inches; stratified fine sandy loam to silty clay loam

Lamoure and similar soils
Extent: 45 percent of the unit
Geomorphic description:
Flood plain
Slope range: 0 to 2 percent
Surface layer texture: Silty clay loam
Depth to restrictive feature:
Very deep (more than 60 inches)
Drainage class: Poorly drained
Flooding does not occur (months):
January February September October November December
Flooding is most likely (frequency, months):
Frequent March April May June
Wet soil moisture status is highest (depth, months):
0.5 foot April
Wet soil moisture status is lowest (depth, months):
3.3 feet February August
Ponding: None
Available water capacity to a depth of 60 inches: 11.9 inches
Content of organic matter in the upper 10 inches: 6.0 percent

Typical profile:
H1--0 to 25 inches; silty clay loam
H2--25 to 38 inches; silty clay loam
H3--38 to 60 inches; silty clay loam

1016--Udorthents

Component Description

Udorthents
Extent: 100 percent of the unit
Flooding: None
Ponding: None

1029--Pits, Gravel

Component Description

Pits
Extent: 100 percent of the unit
Flooding: None
Ponding: None

1032--Aquents And Udorthents

Component Description

Aquents
Extent: 65 percent of the unit
Flooding: None
Ponding: None

Udorthents
Extent: 30 percent of the unit
Flooding: None
Ponding: None

1053--Aquolls And Aquents, Ponded

Component Description

Aquolls
Extent: 55 percent of the unit
Geomorphic description:
Depression
Flooding: None
Wet soil moisture status: At the surface all year
Ponding is shallowest (depth, months):
0.5 foot August
Ponding is deepest (depth, months):
3.0 feet March April May

Aquents
Extent: 35 percent of the unit
Geomorphic description:
Depression
Flooding: None
Wet soil moisture status: At the surface all year
Ponding is shallowest (depth, months):
0.5 foot August
Ponding is deepest (depth, months):
3.0 feet March April May

1356--Water, Miscellaneous

Component Description

Water, miscellaneous
Extent: 100 percent of the unit

1809--Bearden Complex

Component Description

Bearden and similar soils
- Extent: 90 percent of the unit
- Slope range: 0 to 1 percent
- Surface layer texture: Silty clay loam
- Depth to restrictive feature:
  - Very deep (more than 60 inches)
- Drainage class: Somewhat poorly drained
- Flooding: None
- Wet soil moisture status is highest (depth, months):
  - 1.5 feet — April
- Wet soil moisture status is lowest (depth, months):
  - 5.9 feet — February August
- Ponding: None
- Available water capacity to a depth of 60 inches: 11.5 inches
- Content of organic matter in the upper 10 inches: 6.0 percent
- Typical profile:
  - H1--0 to 14 inches; silty clay loam
  - H2--14 to 37 inches; silty clay loam
  - H3--37 to 60 inches; loam

1810--Colvin Complex

Component Description

Colvin and similar soils
- Extent: 90 percent of the unit
- Geomorphic description:
  - Flat
- Slope range: 0 to 1 percent
- Surface layer texture: Clay loam
- Depth to restrictive feature:
  - Very deep (more than 60 inches)
- Drainage class: Poorly drained
- Flooding: None
- Wet soil moisture status is highest (depth, months):
  - 0.5 foot — April
- Wet soil moisture status is lowest (depth, months):
  - 3.3 feet — February August
- Ponding: None
- Available water capacity to a depth of 60 inches: 11.0 inches
- Content of organic matter in the upper 10 inches: 6.0 percent
- Typical profile:
  - H1--0 to 10 inches; clay loam
  - H2--10 to 30 inches; silty clay loam
  - H3--30 to 60 inches; silty clay loam

1814--Oldham Silty Clay

Component Description

Oldham and similar soils
- Extent: 90 percent of the unit
- Geomorphic description:
  - Depression
- Slope range: 0 to 1 percent
- Surface layer texture: Silty clay
- Depth to restrictive feature:
  - Very deep (more than 60 inches)
- Drainage class: Poorly drained
- Flooding: None
- Wet soil moisture status is highest (depth, months):
  - 0.5 foot — April May
- Wet soil moisture status is lowest (depth, months):
  - 2.6 feet — February August
- Ponding: None
- Available water capacity to a depth of 60 inches: 10.0 inches

Content of organic matter in the upper 10 inches: 6.0 percent
Typical profile:
H1--0 to 17 inches; silty clay
H2--17 to 33 inches; silty clay
H3--33 to 60 inches; clay loam

W--Water

Component Description

Water
Extent: 100 percent of the unit